

LIOZNYANSKAYA, S.G.; KOSTIN, V.I.; VORONIN, P.V.

Accelerated cooling of the glass ribbon in the stack of a vertical
drawing machine. Stek.1 ker.13 no.11:9-10 N '56. (MLRA 10:1)
(Glass manufacture)

LIOZNYANSKAYA, S.G.

AUTHORS: Bartenev, G. M., Lioznyanskaya, S.G. 57-12-7/19

TITLE: Strain Relaxation in Quenched Glasses (Relaksatsiya napryazheniy v zakalennykh steklakh).

PERIODICAL: Zhurnal Tekhnicheskoy Fiziki, 1957, Vol. 27, Nr 12, pp. 2738-2743 (USSR)

ABSTRACT: In this paper, the strain relaxation in quenched glass and its dependence on temperature and the duration of heating was investigated, together with the magnitude of the initial stresses. The experimental data obtained here can be expressed approximately by the following relaxation law:

$$\frac{\sigma}{\sigma_0} = f(t, \sigma_0) = 1 - A \lg t$$

σ_0 denotes the initial stress, σ the stress at the instant t , A a constant, the values of which are given in a diagram in the temperature range from 200 to 450° C. A is a function of σ_0 and of temperature. This formula holds

Card 1/2

Strain Relaxation in Quenched Glasses.

57-12-7/19

only in the case, where $t \geq 1$ minute, because $G \leq G_0$.

The results of the investigation permit to fix the temperature boundaries of the technical applicability of quenched glass. The formula given above may be employed for the computation of the behaviour of quenched glass at elevated temperatures. There are 5 figures, and 14 references, 3 of which are Slavic.

ASSOCIATION: All Union Scientific Research Institute for Glass, Moscow
(Vsesoyuznyy nauchno-issledovatel'skiy institut stekla, Moskva).

SUBMITTED: October 8, 1956.

AVAILABLE: Library of Congress

Card 2/2

BARTENEV, Georgiy Mikhaylovich, prof., doktor khim.nauk. Prinimala uchastiye LIOZNYANSKAYA, S.G., kand.tekhn.nauk. SIL'VESTROVICH, S.I., nauchnyy red.; KUZNETSOVA, M.M., red.izd-va; SHERSTNEVA, N.V., tekhn.red.

[Mechanical properties and the heat treatment of glass] Mekhanicheskie svoistva i teplovaya obrabotka stekla. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1960. 165 p.
(MIRA 13:8)

(Glass manufacture)

ISHUTKIN, Valeriy Ivanovich; LIOZNYANSKIY, M.I., inzh., retsenzent;
IL'NITSKIY, I.I., kand.tekhn.nauk, red.; DUGINA, N.A.,
tekhn.red.

[Adjustment of machine tools] Nastroyka metalloreshmushchikh
stankov. Moskva, Gos.nauchno-tekh.izd-vo mashinostroit.lit-ry,
1960. 101 p. (MIRA 14:4)
(Machine-shop practice)

SIL'CHENKO, Serafim Semenovich; TOLSTOV, M.A., inzh., retsenzent;
LIOZNYANSKIY, M.I., inzh., red.; YERMAKOV, N.P., tekhn.red.

[Hydraulic equipment of metal cutting machines; manual for
repairman] Gidravlicheskoie oborudovanie metallorezhushchikh
stankov; posobie dlia slesarei-remontnikov. Izd.2., dop.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1958.
169 p. (MIRA 12:5)

(Machine tools--Hydraulic driving)

LIPA, A.

"Gradual Acclimatization of Plants. Tr From the Slovak." p. 727
(TERMEZET ES TARSADALOM. Vol. 113, No. 12, Dec. 1954; Budapest, Hungary.)

So: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4,
April 1955, Uncl..

LIPA, A.L. [Lypa, O.L.]

Recent data on the ecology and geographical distribution
of the tulip tree in the western Transcaucasia. Visnyk
Kyiv. un. Ser. biol. no.1:19-25 :58. (MIRA 15:6)
(CAUCASUS---TULIP TREE)

LIPA, B.

"A Good and a Poor Corn Expert." p. 18, (GOSPODARKA ZBOZOWA, Vol. 5, No. 1, Jan 1954. Warszawa, Poland.)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

F. LIPA

"The new delivery system contributes to the improvement of the quality of agricultural products." p. 60. (VYZIVA LIDU, Vol. 8, no. 4, Apr. 1953, Praha, Czechoslovakia.)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, Uncl.

USSR/Forestry - Dendrology.

K-3

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39082

Author : Lipa, G.L.

Inst : Kiev University.

Title : Plane Trees in the Ukraine.

Orig Pub : Nauk. zap. Kiivs'k. un-t, 1957, 16, No 1, 123-130.

Abstract : The author established, as a result of special studies on plane tree cultivation in the UkrSSR, that the following species are grown there at the present time: *Platanus acerifolia* Willd, *P. cuneata* Willd, and *P. occidentalis* L. The most wide spread is *P. acerifolia*, which is cultivated in all climatic zones of the UkrSSR and also in Subcarpathian and Transcarpathian regions, *P. occidentalis* is less prevalent; it is less sturdy and is short lived; it dies after 50-70 years. *P. cuneata* exists only in the Botanical garden of Czernowitz university.

Card 1/1

- 14 -

LIPA, J.

Locomotive engineers for heavy tonnages at Sturovo. p. 257.
ZELEZNICE, Prague, Vol. 4, no. 10, Oct. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

LIPA, J.

Sportsmen of the Kosice Lokomotiva Club.

ZELEZNICAR. Praha, Czechoslovakia. No. 7, July 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

POLAND/General and Systematic Zoology. Insects. Harmful P
Insects and Acarids. Forest Pests.

Abs Jour : Ref Zhur - Biol., No 3, 1959, No 11639

Author : Lipa J., Ruszkowski A.

Inst : -

Title : Observations on the Mortality Variations of the
Whitehorn Butterfly.

Orig Pub : Ekol. polska, 1957, B3, No 3, 231-237.

Abstract : The most important factors in the dynamics of the
whitehorn butterfly are the biotic factors, par-
ticularly infestation by braconids; the differ-
ence in fodder plants does not substantially
affect the mortality degree. In localities having
the most favorable conditions, the butterfly has
a great economic significance, whereas in other
localities it never becomes a mass pest (for

Card : 1/2

- 29 -

POLAND/General and Systematic Zoology. Insects. Harmful P
Insects and Acarids. Forest Pests.

Abs Jour : Ref Zhur - Biol., No 3, 1959, No 11639

example, in Poland and Germany). The death of
caterpillars in autumn and winter nests has a
decisive importance on the general mortality of
the whitehorn butterfly. -- D.P. Dovnar-Zapol'skiy

Card : 2/2

LIPA, JERZY TOZIMAT
LIPA, Jerzy Jozefat

Observations on the development and pathogenicity of *Mosema* sp.,
parasite *Aporia cratagi* L. (Lepidoptera). *Wiadomosci parazyt.*, Warsz.
3 no.5:461-466 1957.

1. Z Laboratorium Entomologii Rolniczej Instytutu Ochrony Roslin
w Pulawach.

(SPOROZOA,

Aporia cratagi, develop. & pathogenicity (Pol))

LIPA, J.

Zdenka Jannicka-Smerglova's Dejiny nasich cikanu (The History of our Gypsies); a book review.

p. 314 (Ceskoslovenska Ethnografie) Vol. 5, no. 3 1957. Praha, Czechoslovakia

30: Monthly Index of East European Accessions (EEAI) IC, Vol. 7, No. 1, Jan 1958

LIPA, J.

Protozoa living in plants.

P. 13. (WSZECHSWIAT) (Warszawa, Poland) No. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

LIPA, Yezhi Yu. [Lipa, Jerzy J.], magistr, starshiy nauchnyy sotrudnik.

Biological control of the pierid butterfly and the brown-tail moth.
Zashch. rast. ot vred. i bol. 3 no.4:48-49 J1-Ag '58.
(Mira 11:9)

1. Institut zashchity rasteniy Pol'skoy Narodnoy Respubliki.
(Butterflies) (Moths)
(Insects, Injurious and beneficial--Biological control)

POLAND / General and Specialized Zoology - Insects.

P

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 20835

Author : Lipowa, I.; Lipa, J. J.

Inst : Not given

Title : Observations on Pyrrhocoris apterus L.

Orig Pub : Ekol. Polska, 1958, B4, No 1, 45

Abstract : Pyrrhocoris apterus L. assemble for wintering under heaps of grass and fallen leaves, where they gather in masses and maintain their activity even during strong frosts. During the thawing periods they may mount on the wood stems and the surface of snow, but after the return of frosts such individuals perish. Only those bugs which remain in their retreats winter securely. A great accumulation of bugs for wintering at an

Card 1/2

15

POLAND / General and Specialized Zoology - Insects.

P

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 20835

isle on the Snyardva Lake, thought it is separated from land by a distance of several kilometers, has been observed. --
D. P. Dovnar-Zapol'skiy

Card 2/2

LIPA, Jerzy

YEZHI LIPA [Jerzy Lipa], magistr biol. nauk.

Effect of benzene hexachloride on soil fauna. Agrobiologia no.6:
135-136 M-D '58. (MIRA 12:1)

1. Institut zashchity rasteniy, g. Pulawy, Pol'sha.
(Benzene hexachloride) (Soil Fauna)

LIPA, Jerzy Jozefat

Microbiologic insecticides. Postepy nauk roln 7 no.3:21-34 My-Je '60.
(EKAI 9:12)

1. Instytut Ochrony Roslin, Poznan.
(Insecticides)

LIPA, Jerzy Jozefat

Insecticides derived from plants. Postepy nauk roln 9 no.6:99-108
N-D '62.

1. Instytut Ochrony Roslin, Poznan.

LIPA, Jerzy J.; STEINHAUS, Edward A.

Further report on identifications of Protozoa pathogenic for insects.
Acta parasit Pol 10 no.1/11:165-175 '62.

1. Instytut Ochrony Roslin, Poznan, Grunwaldzka 189 (for Lipa).
2. Department of Insect Pathology, University of California, Berkeley
4, California (for Steinhaus).

POLAND

J.J. LLPA, Institute of Plant Protection, Laboratory of Biological Control Methods (Instytut Ochrony Roslin, Laboratorium Biologicznych Method Walki,) Poznan.

Thosoma sperchoni n.sp. (Microsporidia,) a New Parasitic Protozoan from the Water Mite *Sperchon* sp. (Hydracarina, Acarina.)"

Warsaw, Bulletin de l'Academie Polonaise des Sciences, Serie des Sciences Biologiques, Vol 10, no 10, 1962; pp 435-437.

Abstract [English article]: Description of the specimen, diagram of dimension of 30 spores; drawings of the seven developmental stages; 4 references.

1/1

LIPA, Jerzy J.

Viruses of insects. Postepy mikrobiol 2 no.1:63-95 '63. Postepy
mikrobiol 2 no.1:63-95 '63.

International colloquium on the pathology of insects and the micro-
biologic control of vermin. Ibid.:141-149 '63.

1. Laboratory of Biological Control Methods, Institute of Plant
Protection, Poznan.

LIPA, Jerzy Jozefat

Biological methods of plant protection. Postepy nauk roln
10 no. 2: 31-43 Mr-Ap '63.

1. Laboratorium Biologicznych Metod Walki, Instytut Ochrony
Roslin, Poznan.

LIPA, Jerzy J.

Biological pest control. Wiad. parazyt. 10 no.1:21-32 '64.

1. Laboratorium Biologicznych Metod Walki Instytutu Ochrony
Roslin, Poznan.

LIPA, Jerzy Jozefat

Integration of chemical and biological control in plant protection. Postepy nauk roln 11 no. 1:55-72 Ja-F '64.

1. Laboratory of Biological Control Methods, Institute of Plant Protection, Poznan.

LIPA, M.

Examples of welding for basic cadres. (Conclusion) n. 27.
(Zvaranie, Vol. 3, no. 1, Feb. 1954, Praha.)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4,
No. 11, Nov. 1955, Uncl.

LIPA, M.; KATEJKO, N.

Congrence on automatization and regulation in industry, and on automatization of resistance welding in automobile production. p. 225.

Vol. 4, no. 8, August. 1955
ZVARANIE
Bratislava, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 3, August 1956

LIPA, M.

Suspended seam-welding machine in the production of car bodies. p. 269.

ZVARANIE Vol. 4, no. 9/10, Sept. 1955.

Czechoslovakia

Source: EAST EUROPEAN LISTS Vol. 5, no. 7 July 1956

LIPA, M.

Meeting of Czechoslovak welders in 1955.

Resolution of the Czechoslovak welding conference and welders' session.
p. 354.

ZVARANIE Vol. 4, no. 12, Dec. 1955

Czechoslovakia

Source: EAST EUROPEAN LISTS Vol. 5, no. 7 July 1956

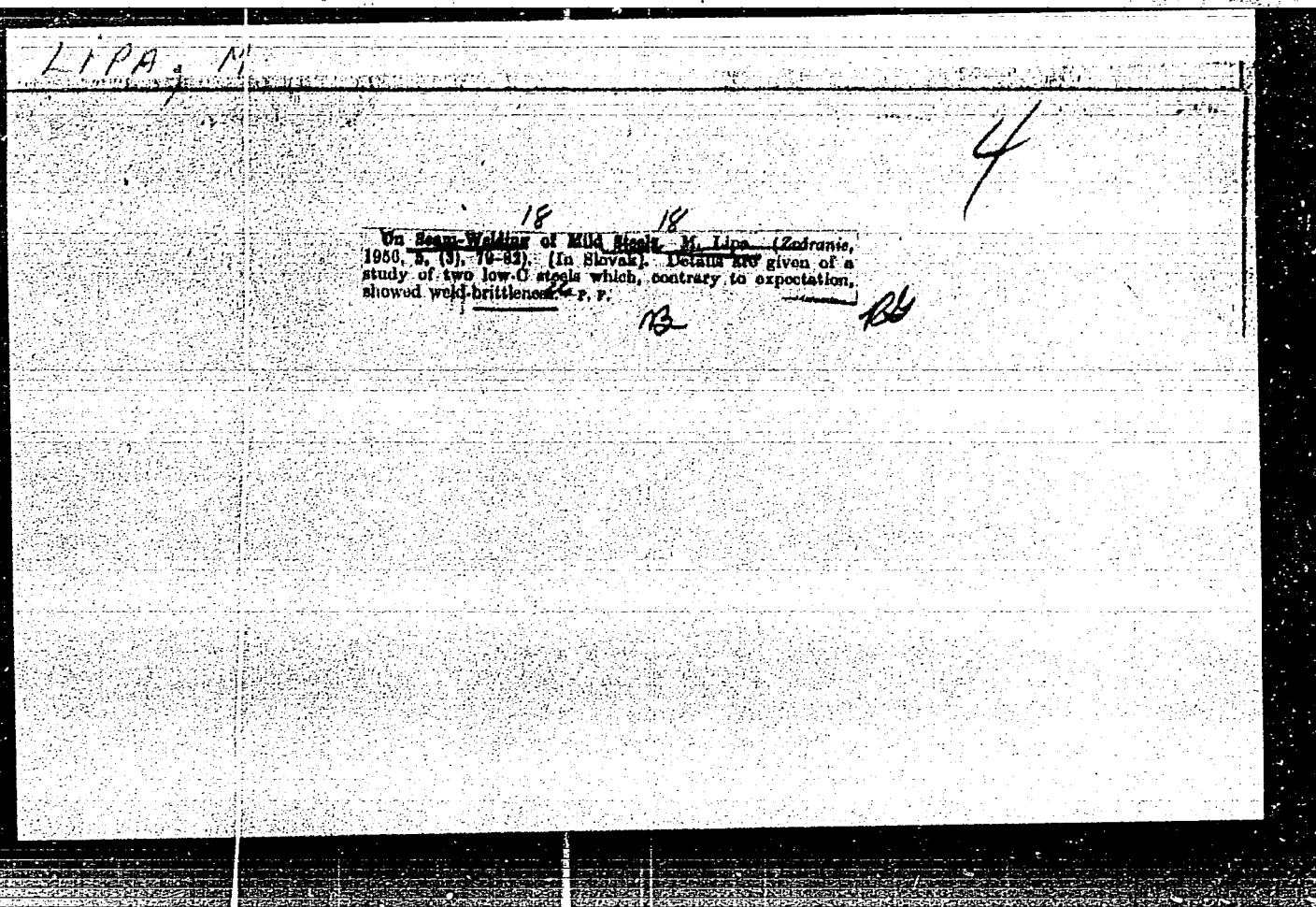
LIPA, M.

Exhibition of products of the machinery industry in Brno through the
eyes of a welder. p. 28.

ZVARANIE Vol. 5, no. 1, Jan. 1956

Czechoslovakia

Source: EAST EUROPEAN LISTS Vol. 5, no. 7 July 1956



LIPA, M.

LIPA, M. Proposed standard of electrodes for spot welders. p. 143

Ultrasonic brazing machine MEZ UG-100. p. 145

Vol. 5, no. 5, May 1956

ZVARANIE

TECHNOLOGY

Bratislava, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

LIPA, M.

The modern welding press: a contribution to rational production.

p. 44 (CHECHOSLOVAK HEAVY INDUSTRY) No. 7, 1956,
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

LIPA, MILAN

137-58-1-972

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 138 (USSR)

AUTHORS: Lipa, Milan (No initials given)

TITLE: Seam Welding in Manufacturing Auto Bodies (Proizvodstvo kuzovov avtomobiley pri pomoshchi shovnoy svarki)

PERIODICAL: Chekhosl. tyazh. prom-st', 1957, Nr 2, pp 22-23

ABSTRACT: A suspended welder consisting of welding wheels which are pneumatically compressed (squeezing force up to 400 kg), mounted in a ring of 55 cm outside diameter, hanging from a monorail by means of a light-weight suspension system, and capable of ready motion into any position in space, has been developed for seam welding of large auto body parts. The wheels are driven by a electrical motor via a flexible shaft. The leads from the welding transformer are flexible. The oil pumping station for the pressure conduit and the electronic control panel are separate installations. The welder employs a circuit-breaker which is capable of metering current to an accuracy of a single cycle and which can control the making of both pressure-tight seam welds in which an overall thickness of the sheets up to 2.4 mm and spot welds spaced several mm apart. A special feature of the

Card 1/2

137-58-1-972

Seam Welding in Manufacturing Auto Bodies

automatic system of control is the fact that the wheel and current drives may be turned on only when the required squeeze force of the wheels has been attained, and are turned off only after the wheel pressure drops below the required level, thus eliminating the possibility of burning the metal at the moment the welder is started and stopped. The maximum welding current is 15,000 amp. It is observed that the light-weight design of the welder makes seam welding of large auto body parts now usable throughout a wide range of operations.

1. Seam welds--Industry 2. Welding machines--Development

A. P.

Card 2/2

LIPA, M.

Welding technique at the Vienna Fair, 1956. p.86.
(Zvaranie, Vol. 6, No. 3, Mar. 1957, Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) IC. Vol. 6, No. 9, Sept. 1957. Uncl.

LIPA, M.

Spot welding of automobile wheels for tubeless tires. p. 6.

ZVARANIE. (Ministerstvo hutneho prumyslu a rudnych bani a Ministerstvo strojarstva)
Bratislava, Czechoslovakia, Vol. 8, No. 1, Jan. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959
UNCL

LIPA, M.

Flash welding of AK-6 aluminum alloys. p. 52

ZVARANIE. Bratislava, Czechoslovakia. Vol. 8, no. 2, Feb. 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

LIFA, M.

"Multispot welding in press." p. 119.

ZVARANIE. (Ministerstvo hutneho prumyslu a rudnych bani a Ministerstvo strojarenstva). Bratislava, Czechoslovakia, Vol. 8, No. 4, Apr. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Unclass.

LIPA, Milan, inz., C.Sc.

Examination and solution of the problem of flash welding of anti-friction bearing rings. Zvar sbor 11 no.3:359-397 '62.

1. Vyskumny ustav zvaracsky, Bratislava.

LIPA, Milan, inz.

Some changes in technical terms of resistance welding. Zvaranie
11 no.10:293-294 0 '62.

LIPA, M., ina.

The 88 heavy spot welder controlled by an inserted program.
Zvaranie 14 no.2:47-48 F '65.

LIPA, Milan, inz.

Welding of crankshafts on the largest fusion welding machine.
Zvaranie 14 no.3:90-91 Mr '65.

LIPA, O. L.

Trees of the Ukrainian SSR. Kyiv, Vyd-vo Akadenii nauk URSR, 1939--map

LIPA, O.L., dotsent.

~~Pharmaceutical~~, botanical, and acclimatization gardens in the
Ukraine as introduction centers. Nauk.sap.Kiev.un. 7 no.6:47-66
'48. (MLBA 9:10)

(Ukraine--Botanical gardens)

1014 C.I.
VOLODCHENKO, V.S., student 5 kursu; LIPA, O.L., professor, naukoviy ke-
rivnik.

Brief survey of the trees of Soviet Park in Kiev. Stud.nauki
pratsi no.20:157-161 '56. (MLRA 9:12)
(Kiev--Trees)

LIPA, O.L.
LIPA, O.L.

Scientific work in the department of higher plants at the
Kiev State University during 1948-1956. Ukr.bot.zhur. 14 no.3:
113-114 '57. (MIRA 10:10)
(Kiev--Botanical research)

LIPA, O.L. [Lypa, O.L.]

Plane tree in the Ukraine. Nuak zap. Kyiv. un. 16 no.1:123-130
'57.

(MIRA 11:6)

(Ukraine--Plane tree)

LIPA, O.L. [~~Lypa~~, O.L.], prof.

Giant sequoia. Nauka i zhyttia 8 no.2:36 P '58.
(Crimea--Sequoia) (MIRA 13:5)

LIPA, O.L. [Lypa, O.L.]

Venerable oaks of the Ukraine deserving protection. Mat.pro
okhor.pryr.na Ukr. no.2:37-43 '60. (MIRA 13:8)
(Ukraine--Oak)

LIPA, O.L. [Lypa, O.L.]

Remarkable trees of the Nikita Botanical Garden as natural
monuments. Mat.pro okhor.pryr.na Ukr. no.2:44-47 '60.
(MIRA 13:8)
(Crimea--Trees)

LIPA, O.L. [Lypa, O.L.] .

New data on the biology and geographical distribution of ginkgo
cultivated in western Transcaucasia. Visnykh Bot.sada AN URSSR
no.443-46 '62. (MIRA 16:1)

(Transcaucasia—Ginkgo)

LIPA, P.

The isolation of oil pipelines and tanks. p.50

Warta. (Instytut Warty)
Krakow, Poland. Vol.5, No.2, Feb.1959

Monthly List of East European Accessions Index, (EEAI) LC, Vol.8, no.6
June 1959
Uncl.

LIPA, R.

A simple electronic apparatus to calculate the squares and roots of numbers. p. 119.
(Sdelovaci Technika. Vol. 5, no. 2, Feb. 1957. Czechoslovakia.)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

LIPA, Robert, inz.

Preparation of chemicals in a modern pulp bleaching plant.
Papir a celuloza 19 no.9:243-248 S '64.

1. Severoslovenske celulozky a papierne, Ruzomberok.

LIPACHEV, V.A., assistant; GOLOVTEYEVA, A.A., kand. tekhn. nauk, dotsent

Elastic properties of chrome kipa in stretching strains. Nauch.
trudy MTILP no.24:90-95 '62. (MIRA 16:7)

1. Kafedra tekhnologii kozhi i mekha Moskovskogo tekhnologi-
cheskogo instituta legkoy promyshlennosti.
(Leather--Testing)

1. ZAYTSEV, S. A. , LIPAGINA, V. Ya.
2. USSR (600)
4. Phosphates - Tom'-Chumysh Valley
7. Tom'-Chumysh phosphorite deposits (report on the work of the Tom'Chumysh geological-prospecting party of the Western Siberian Geological Administration for 1943/44).
[Abstract,] Izv. Glav. upr. geol. fon. no. 2: 1947.

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

LIPAK, Janos

A reflexometric method for the study on fatigue. Ideggyogy. szemle
14 no.10:300-304 0 '61.

1. A Debreceni Orvostudományi Egyetem Ideg- és Elmegyógyászati Klini-
kájának közleménye. Igazgató: Juhasz Pal dr. egyetemi tanár.

(FATIGUE)

KELENTY, B.; FOLDES, I.; LIPAK, J.; KOCSAR, L.; CSONGOR, J.

Carbonic anhydrase inhibition and changes in the permeability of the blood--brain--cerebrospinal fluid--aqueous barrier. Acta physiol. hung. 20 no.1:81-88 '61.

1. Institute of Pharmacology, Institute of Anatomy, Histology and Embryology and Institute of Pathophysiology, Medical University, Debrecen.

(ACETAZOLAMIDE pharmacology)
(HEMATO-ENCEPHALIC BARRIER pharmacology)

KELENTEY, B.; FOLDES, I.; LIPAK, J.; CHONGOR, J.

Effect of heparin on the hemato-encephalic barrier. Kiserl. orvostud.
16 no.4:363-369 Ag '64.

1. Debreceni Orvostudományi Egyetem Gyógyszertani Intézete, Anatómiai
Intézete és Korrelatív Intézete.

LIPAKOV, A.N.; MEL'NIKOV, A.A.; STUPIN, G.G.; TKALENKO, A.P.;
SHCHERBAKOV, M.I.; PETUKHOV, N.N., otv. red.;
ABARBARCHUK, F.I., red.izd-va; OVSEYENKO, V.G., tekhn.red.

[Gyroflywheel mine locomotive] Shakhtnye inertsionnye lo-
komotivy. Moskva, Gosgortekhzdat, 1963. 122 p.

(MIRA 16:5)

(Mine railroads)

NOR, Aleksandr Alekseyevich; MATYUSHENKO, Yuriy Pavlovich;
MEL'NIKOV, Andrey Alekseyevich; LIPAKOV, Aleksey
Nikandrovich; VIRABOV, A.A., inzh., retsenzent;
BARUZDIN, M.A., inzh., otv. red.

[Engineers of electric mine locomotives] Mashinist rud-
nichnogo elektrovoza. Moskva, Izd-vo "Nedra," 1964. 161 p.
(MIRA 17:4)

LIPAN, T.

- 12 15 27
- Subarrest: Verifica de Conducute si Organizarea Teritoriului
Vol VI, No 2, 1962
1. "Report on the Completion of Collectivization and the Reorganization of Agriculture Submitted to the Extraordinary Session of the Grand National Assembly at the Session of 27 April 1962," GR. GHORNIU-22, pp 3-10.
 2. "The Old Land-to-Tillage Network in the Western Part of the Country Carried on in Various Forms in the Systems and the Responsibility of its Improvement in the State," Verifica de Conducute si Organizarea Teritoriului, Vol VI, No 2, 1962, pp 1-10.
 3. "The New N.R.B. 21/1918 Proposed Changes in Production of Science (Candidate in Science) and N.R.B. 22/1918," pp 45-52.
 4. "The Possibility of Adapting the Plans for the Organization of Territory," Verifica de Conducute si Organizarea Teritoriului, Vol VI, No 2, 1962, pp 53-59.
 5. "Programs for the Expedient Organization of the Territory in Support of the Socialist Agricultural Policy," Verifica de Conducute si Organizarea Teritoriului, Vol VI, No 2, 1962, pp 60-64.
 6. "The 'Agricultural' Factor," Verifica de Conducute si Organizarea Teritoriului, Vol VI, No 2, 1962, pp 65-68.

1024
CSO: 8000-N

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LEBEDEV, Yu.A.; LIPANIN, G.G.; PEPEKIN, V.I.; APIN, A.Ya.

Thermochemical study of individual explosives and their compositions. Vzyv. delo no.52/9:80-90 '63.

(MIRA 17:12)

1. Institut khimicheskoy fiziki AN SSSR.

L 36268-65 EWT(1)/T/EED(b)-3 Pae-2 IJP(c)
 ACCESSION NR: AP5008169

3/0286/65/000/005/0052/0052

AUTHORS: Fedin, Ye. D.; Garnov, V. V.; Lipanin, G. G.

TITLE: A device for high-speed pulsed stereoscopic x-ray photographing of rapidly occurring processes. Class 21, No. 168804

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 5, 1965, 52

TOPIC TAGS: x ray photography, stereoscopic photography, spatial perception

ABSTRACT: This Author Certificate presents a device for the high-speed pulsed stereoscopic x-ray photographing of rapidly occurring processes. It contains pulsed x-ray tubes, pulse voltage generators, and a synchronizing device (see Fig. 1 on the Enclosure). To insure the exact timing of the radiography and the reconstruction of the three-dimensional model of the objects being studied, the pulsed x-ray tubes are connected in pairs to a single pulse voltage generator. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 14Mar63

ENCL: 01

SUB CODE: ES, OP

NO REF SOV: 000

OTHER: 000

Card 1/2

LIPANINA, A. A.

S/096/60/000/010/022/022
E194/E135

AUTHORS: Margulova, T.Kh., Akol'zin, P.A., Korneyeva, L.V.,
Lipanova, A.A., and Khlopnov, V.Ye.

TITLE: An Investigation of Corrosion under Stress of Samples
of Steel 1Kh18N9T at High Pressure

PERIODICAL: Teploenergetika, 1960, No 10, pp 95-96

TEXT: Results are given of investigations of austenitic
steel 1Kh18N9T in water media containing chlorine ions at
pressures of 200 atm, $t = 364^{\circ}\text{C}$, under static conditions
(the concentration of chlorine ions ranged from 100 to 1600
mg/litre). The specimens were investigated in deoxygenated
solution after austenisation at $t = 1050^{\circ}\text{C}$ with and without
work hardening. The tests lasted 400 hours. ✓

ASSOCIATION: Moskovskiy energeticheskiy institut
(Moscow Power Institute)

Card 1/1

⑤

LIPANOV, Petur, inzh.

Modern electroinsulating varnishes. Elektroenergiia 13 no.3:14-16
Mr '62.

LIPANOV, R.G.

Public health in Tuva. Sovet. med. no.10:29-31 Oct.
1950

(CJML 20:1)

LIPANOV, R.G.

Seasonal fluctuations in the development of psychoses. Zhur.
nevr. i psikh. 65 no. 1 101-104 '65. (MIRA 18:2)

1. Oblastnaya psikhiatricheskaya klinicheskaya bol'nitsa,
Simferopol'.

LIPANOV, R.G.

Results of three years' work in two-stage service for patients
in a Crimean provincial psycho-neurological clinical hospital.
Zhur. nevr. i psikh. 63 no.2:314-316 '63 (MIRA 16:11)

1. Oblastnaya psikhonevrologicheskaya klinicheskaya bol'nitsa
(glavnyy vrach R.G. Lipanov), Simferopol'.

*

KAGANOVSKIY, A.G., doktor biol. nauk, red.; KISELEV, I.V.,
doktor tekhn. nauk, red.; LIPANOV, V.G., red.;
SHESTOGANOV, I.I., red.

[Saury; its biology. Fishing techniques. Processing]
Saira; biologiya. Tekhnika lova. Obrabotka. Vladivostok, 1961. 75 p. (MIRA 18:1)

1. Vladivostok. Tikhookeanskiy institut rybnogo kho-
zyaystva i okeanografii. 2. Nachal'nik otseala nauchnoy
Glavnogo upravleniya rybnoy promyshlennosti Dal'nego
Vostoka (for Lipanov).

LIPANOVA, M.D.

Furan compounds. V. Preparation and properties of 3-(2-methyl-5-furyl)-2-propenal and some other derivatives of 5-methylfurfural. A. A. Ponomarev and M. D. Lipanova (N.

G. Chernyshevskii State Univ., Saratov). Zhur. Obshch. Khim. 23, 1710-23 (1953); Zh. C. A. 48, 10723i. — 5-Methylfurfural, bp 76-8°, (50 g.) in 450 ml. 10% NaOH treated with 80 g. AcH in 180 ml. H₂O over 2.5 hrs. at room temp., and the mixt. stirred 1 hr. longer, neutralized with AcOH, and extd. with Et₂O yielded 67.1% 3-(2-methyl-5-furyl)-2-propenal (I), bp 100-2°, n_D²⁰ 1.6089, d₄²⁰ 1.1006; semicarbazone, m. 181° (from EtOH); 2,4-dinitrophenylhydrazones, red, m. 216-16.5° (from EtOH-EtOAc). I (30 g.) in 150 ml. C₆H₆, refluxed with 27 g. Al(OEt)₃ in a N atm. 2.5 hrs., the cooled soln. poured into enough 10% H₂SO₄ to react with the

Al, the org. layer sepd., and the C₆H₆ exts. of the aq. layer combined with the original org. layer and distd. gave 37% 3-(2-methyl-5-furyl)-2-propenal, bp 125°, n_D²⁰ 1.6301, d₄²⁰ 1.088; heated with Ac₂O and NaOAc it gave the acetate, bp 107-8°, n_D²⁰ 1.6231, d₄²⁰ 1.0730; phenylurethane, m. 106°. To 8 g. 5-methylfurfural and 1.0 g. cyclopentanone in 20 ml. 80% EtOH was slowly added 0.5 ml. 10% NaOH, yielding in a short time an orange ppt., consisting of 5.0 g. 2,5-bis-(5-methylfurfurylidene)cyclopentanone (II), m. 131-2° (from EtOH). Similarly cyclohexanone gave the corresponding bright yellow cyclohexanone deriv. (III), m. 118-19° (from EtOH). Similar condensation of I with cyclopentanone gave red 2,5-bis[3-(2-methyl-5-furyl)-2-propenyldene]cyclopentanone (IV); cyclohexanone gave the analogous product (V), orange, m. 168-8.5° (from EtOH). I shows an exaltation of refraction of about 5 units, as is common among conjugated furyl aldehydes. When the unsatd. ketones listed above were treated with H₂SO₄ or SbCl₅-CHCl₃, resp., the following colors were observed: II, blue, green changing to blue; III, violet, green, changing to blue; IV, blue-green, blue; V, blue-green, blue. Similar condensation products of cyclopentanone with furfural gave, resp.: blue, yellow changing to green; with 3-(2-furyl)-2-propenal, blue-green, blue; the cyclohexanone analogs gave: violet, yellow changing to green; blue, blue.

G. M. Kosolapoff

PONOMAREV, A.A.; LIPANOVA, M.D.

Some furan derivatives of 1-amino-1,3,4-triazole. Uch.zap
SGU 75:35-37 '62. (MIRA 17:3)

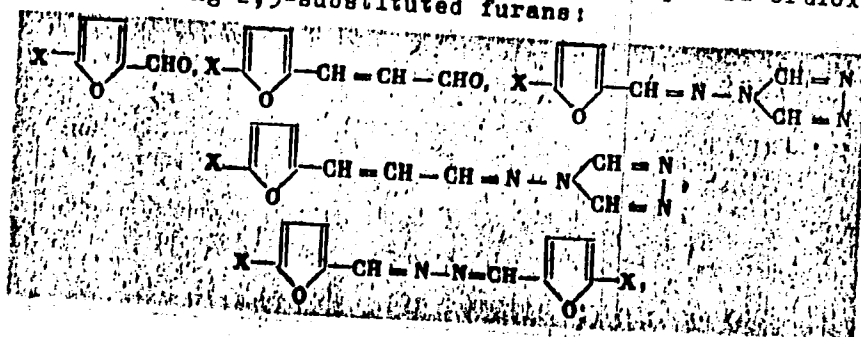
S/048/63/027/001/021/043
B106/B101

AUTHORS: Peshekhonova, A. D., Ponomarev, A. A., and Lipanova, M.D.

TITLE: Ultraviolet absorption spectra of some 2,5-substituted furans

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 27, no. 1, 1963, 58-61

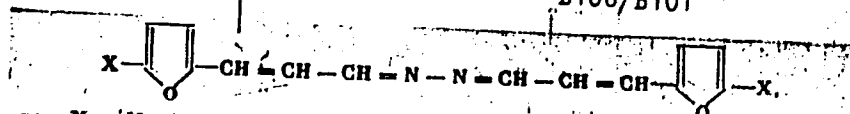
TEXT: This is a study on the ultraviolet absorption spectra of dioxane solutions of the following 2,5-substituted furans:



Card 1/4

Ultraviolet absorption spectra of ...

S/048/63/027/001/021/043
B106/B101



X = H, CH₃, Cl, Br, I, NO₂.

The authors' institute was the first to synthesize such furans. The ultraviolet spectra of solutions of these compounds (except for those with X = NO₂) show one intensive absorption band with $\lambda_{\text{max}} = 270-380 \text{ m}\mu$, as dependent on the substituents in position 5 of the furan ring. Its intensity, however, is almost independent of the substituents, $\log \epsilon = 4.5 \pm 0.3$. The azines of furfurole show a second absorption maximum at 250-280 m μ , the difference $\Delta \lambda$ between the maxima being 82-84 m μ , and the azines of furyl acrolein have an absorption maximum at 365-396 m μ , $\Delta \lambda \sim 14-16 \text{ m}\mu$. Substitution of CH₃, Cl, Br, or I for hydrogen in position 5 of the furan ring causes a bathochromic shift of absorption bands almost without a hyperchromic effect. This shift being 10-11 m μ for Cl and 20-25 m μ for I increases in the sequence Cl < CH₃ < Br < I, and

Card 2/4

Ultraviolet absorption spectra of ...

S/048/63/027/001/021/043,
B106/B101

is practically independent of the type substituent in position 2. Introduction of a nitro group into the furan ring causes a considerable bathochromic shift of the second absorption maximum, $\Delta\lambda \sim 40$ m μ . Lengthening of the conjugate system causes a bathochromic shift of 35-45 m μ . Owing to the different effects of C=O, C=N, and C=C double bonds on the absorption maximum it is impossible to set up a general law for the position of absorption maxima as dependent on the total number of double bonds, without considering their nature. The condensation product of 5-nitrofurfurole with 1-amino-1,3,4-triazole exists in two forms, the xanathine and the hydrated form, whose melting points, solubilities, and biological activities differ considerably. The xanathine form, 1-(5-nitrofurfurylideneamino)-1,3,4-triazole, is more active. The spectrum of the hydrated form corresponds to that of 5-nitrofurfurole. Therefore, a molecular combination of 5-nitrofurfurole with aminotriazole is assumed. The same result was obtained for the condensation product of 5-nitrofurfurole with 2,5-dimethyl-1-amino-1,3,4-triazole. There are 3 figures and 1 table.

Card 3/4

PONOMAREV, A.A.; LIPANOVA, M.D.

Furan compounds. Part 18: Some functional derivatives of 5-halo-substituted furfurole and β -(2-furyl)-acrolein. Zhur.ob.khim.
32 no.8:2535-2540 Ag '62. (MIRA 15:9)

1. Saratovskiy gosudarstvennyy universitet imeni N.G. Chernyshevskogo.
(Furaldehyde) (Furanacrolein)

PONOMAREV, A.A.; LIPANOVA, M.D.

Furan compounds. Part 20: Condensation of some derivatives of
furfurol and β -(2-furyl)-acrolein with aminotriazoles. Zhur.-
ob.khim. 32 no.9:2974-2981 S '62. (MIRA 15:9)

1. Saratovskiy gosudarstvennyy universitet imeni N.G.
Chernyshevskogo.
(Furaldehyde) (Acrolein) (Triazole)

PONOMAREV, A.A.; LIPANOVA, M.S.

Furan compounds. Part 16: Synthesis of acetaminopyromucic acid
and some of its derivatives. Zhur. ob. khim. 31 no.3:970-973
Mr '61. (MIRA 14:3)

1. Saratovskiy gosudarstvennyy universitet.
(Furoic acid)

LIPANOWICZ, J.; ZWIERZCHOWSKI, J. (Wroclaw)

The level of leptospire antibodies in cattle serums and the presence
of the bacillus in the organs; preliminary report. Rocznik nauki
wet 70 no.1/4:225-226 '60. (EEAI 10:9)

(Leptospirosis) (Antigens and antibodies)
(Cattle) (Serum) (Bacillus)

"Hemagglutination and Hemolysis (M--D) in the Light of Recent Research."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 8, Aug 63, pp 443-447

Abstract: Lecture delivered 4 June 1963 at the meeting of the Wrocław Chapter of PTNW [Polskie Towarzystwo Nauk Weterynaryjnych, Polish Society of Veterinary Sciences] on the 15-th anniversary of Middlebrook and Dubos first application of the hemagglutination test in tuberculosis. The author outlines recent investigations into the mechanism of the M--D reaction and attempts to adapt it for mass veterinary use, and particularly the recent work on OHA and OHL, both abroad and in the Polish centers at Bydgoszcz and Pulawy. He notes the conflicting findings and the need for further investigations. List containing 46 references in the hands of the author.

1/1

Poland/Diseases of Farm Animal. Toxicoses

R-3

Abs Jour : Ref Zhur-Biol., No 2, 1958, 2783

Author : Bibien Zenon, Kuprowski Marian, Lipnowicz Jozef
Inst : Inst. of Vet. Med.

Information from source of reported case.

Card 1/1

POLAND/Diseases of Farm Animals. Arachno-Entomoses.

R

Abs Jour: Ref Zhur-Diol., No 15, 1958, 69515.

Author : Lipanowicz, Jerzy; Zwierzchowski, Jan.

Inst :

Title : Mange of Polar Foxes (*Alopex lagopus* L.). Treatment
With Hexachlorocyclohexane.

Orig Pub: Med. weteryn., 1957, 13, No 7, 394-398.

Abstract: The mange of polar foxes was observed on two fur farms. In the affected animals, the following symptoms were noticed: husky scaling of the skin of the back abdomen and lumbs, formation of crusts on the paws and tail, ruffled condition of the hair, and severe itching. The hair was not shed. The examination of scrappings revealed the presence of *Sarcoptes scabiei*. The treatment of affected animals by

ROMANOVA, V.P.; PETROVSKIY, I.N.; SENOVA, A.G.; NIKOL'SKAYA, T.A.; SEMATEK,
R.V.; KOSENKO, A.A.; BALABANOVA, V.I.; LIPARSKAYA, V.G.; KHARAT'YAN,
H.A.; KOMPANETS, Ye.M.

Outbreak of Q fever in the Kamensk Province. Zhur.mikrobiol.zhid. i
immun. 28 no.6:29-33 Je '57. (MIRA 10:10)

1. Iz Rostovskogo instituta epidemiologii, mikrobiologii i gilyery,
kafedry infektsionnykh bolezney Rostovskogo meditsinskogo instituta,
Rostovskogo instituta Ministerstva zdavookhraneniya SSSR i Oblastnoy
Kamenskoy sanitarno-epidemiologicheskoy stantsii
(Q FEVER, epidemiology,
in Russia (Rus))

TAVADZE, F. N.; MANDZHGALADZE, S. N.; TSKITISHVILI, M. D.; DASHNIANI, T. S.;
LORDKIPANIDZE, I. N.; Prinimali uchastiye: LIPARTELIANI, R. G.

Effect of small additions of niobium, molybdenum, tungsten,
titanium and aluminum on the corrosion resistance of chromium-
manganese alloys. Izudy Inst. met. AN Gruz. SSR. 11:177-190 '61.
(MIRA 14:10)

(Chromium-manganese alloys—Corrosion)

GRINVAL'D, G.; POPOV, V., LIPATKIN, Ye.; KIM, L.; ZYABLOV, V.; BIRYUKOV, P.

Transportation of large elements. Stroitel' 8 no.5:26-27 My '62.
(MIRA 15:7)

(Precast concrete—Transportation)

LIPARTELIANI, O. A., Cand of Agri Sci -- (dias, "The Study of Self-Pollinating Strains and Their Hybrids Produced From Some Regional Varieties of Corn in the Georgian SSR," Tbilisi, 1959, 24 pp (Georgian Agricultural Institute) (KL, 8-60, 117)

LIPATENKOV, Ivan Vasil'yevich; KAPRALOV, Mikhail Karpovich; BITUNOV, Yevgeniy Ivanovich; VAKUROV, Konstantin Viktorovich; KUZOVSKIN, Konstantin Sergeyevich; PAVLOV, Leonid Vasil'yevich; KLOCHKOV, Ivan Nikitich; ZHITS, Margoliya Issayevna; KHROMOV, Vasil'y Vasil'yevich; LIPSHITS, N.V., redaktor; KOPILNICH, Ye.I., redaktor; DMITRIYEVA, N.I., tekhnicheskii redaktor

[Assembling and adjusting machinery of looms with picker sticks;
work practices of foremen and assistants in the Monin worsted mills]
Ustanovka i naladka mekhanizmov tkatskikh stankov s verkhnim boem;
obobshchennyi opyt raboty masterov i pomoshchnikov mastera Moninskogo
kamvol'nogo kombinata. Pod red. N.V.Lipshitsa. Moskva, Gos.nauchno-
tekhn.izd-vo M-va legkoi promyshl.SSSR, 1957. 109 p. (MLRA 10:9)
(Looms)

VOLKOVA, Irina Ivanovna; FOKROVSKAYA, Vera Borisovna; LIPATKIN, A.,
red.

[Injurious and poisonous plants of the Daghestan lowlands]
Vrednye i yedovitye rasteniya nizemnogo Daghestana.
Pishchepribor, Daghestanskaya kishchenka. Tbilisi, 1964. 92 p.
(Rus. 10,0)

YARULLINA, Nina Alekseyevna; LIPATKIN, A., red.

[Food and spice plants in Daghestan] Pishchevye i priano-
pishchevye rasteniia Dagestana. Makhachkala, Dagestan-
skoe knizhnoe izd-vo, 1964. 72 p. (MIRA 18:12)

POLYAKOVA, A.M.; KORSHAK, V.V.; LIPATNIKOV, N.A.

Investigation of the polymerization of isopropenyl aromatic compounds. Ionic polymerization of p- and o-substituted ~~o~~-methyl-styrenes and ~~o~~-isopropenyl-naphthalene. Neftekhimiia 1 no.2:224-229 Mr.-Ap '61. (MIRA 15:2)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.
(Polymerization) (Naphthalene)
(Styrene)

AUTHORS: Polyakova, A.M., Plate, A.F., Pryanishnikova, M.A.,
and Lipatnikov, N.A.

TITLE: Investigation of the polymerization under pressure of
some cyclic unsaturated hydrocarbons;
bicyclo-(2,2,1)-heptane-2, bicyclo-(2,2,1)-heptadiene-
2,5, and cycloheptatriene

PERIODICAL: Neftekhimiya, v.1, no.4, 1961, 521-527

TEXT: The polymerization of bicyclo-(2,2,1)-heptane-2,
bicyclo-(2,2,1)-heptane 2,5 and cycloheptatriene was investigated
under 6000 atm using tertiary butylperoxide as reaction initiator. X
An attempt was made also to evaluate relative reactivities of
these hydrocarbons at atmospheric pressure in the presence of an
ionic catalyst $TiCl_4$. The aim of this work was to obtain polymers
possessing high thermal stability. The pressure polymerizations
were carried out in lead ampules, and the corresponding
experiments under atmospheric pressure in glass ampules.
Temperature of the pressure polymerizations ranged from 130 to
200 °C. The polymerizations with $TiCl_4$ as initiator were carried
Card 1/ 3

Investigation of the polymerization... ³¹⁷⁴⁷S/204/61/001/004/005/005
E075/E185

out at 72 °C in methylene chloride solution. It was found that for the pressure polymerizations the molecular weight and yields of the polymers increase with temperature. The same applies to the mechanical properties of the polymers. The polymer with the highest softening temperature was prepared at 200 °C. The polymerization under atmospheric pressure was carried out at 100 °C.

2

Card 2/ 3

Investigation of the polymerization... ³¹⁷⁴⁷ S/204/61/001/004/005/005
E075/E185

There are 7 figures, 1 table and 8 references; 6 Soviet-bloc and 2 non-Soviet-bloc. The English language references read as follows:

Ref. 1: A.W. Anderson, N.G. Merckling. US Pat. 2721189, 1955.

Ref. 2: E.I. du Pont de Nemours and Co. Brit. Pat. 777414, 1957;
C.A. 51, 12546 d, 1957.

ASSOCIATION: Institut elementoorganicheskikh soedineniy AN SSSR
(Institute of Elementary Organic Compounds, AS USSR).

Institut organicheskoy khimii AN SSSR im.

N.D. Zelinskogo

(Institute of Organic Chemistry, AS USSR, imeni
N.D. Zelinskiy)

SUBMITTED: May 31, 1961

X

Card 3/3

34981
S/190/62/004/003/001/023
B110/B144

15.8/30

AUTHORS: Polyakova, A. M., Korshak, V. V., Lipatnikov, M. A.
TITLE: Polymerization of heterocyclic isopropenyl compounds.
II. 2-isopropenyl furan

PERIODICAL: Vysokomol. Soedin. 1962, 4, 10, 1700-1702

11% of insoluble polymer is formed. It polymerizes more readily than
Card 1/3

Polymerization of heterocyclic...

S/190/62/004/003/001/023
B110/B144

isopropenyl thiophene in the presence of ion catalysts in analogy to the behavior of corresponding vinyl compounds. Comparison of the monomer IR absorption spectra with that of polymer shows that the double bond of the isopropenyl group is ruptured and the furan ring conserved, the double bonds of which presumably participate in forming the insoluble polymer in ionic polymerization. It was found by X-ray analysis that the insoluble polymer obtained in the presence of $TiCl_4$ was poorly ordered,

while the soluble polymer was almost amorphous. The thermomechanical curves of benzene-soluble polymers obtained from (a) and from (b) with 2.56 mole% of $TiCl_4$ were almost identical, but differed substantially

from those of the polymers obtained with 5.12 mole% of $TiCl_4$. The insoluble fraction of these polymers shows no flow, and carbonizes at $\sim 400^\circ C$. S. R. Rafikov is mentioned. Thanks are due to A. I. Kitaygorodskiy and co-workers, as well as to N. A. Chumayevskiy, for X-ray and spectroscopic investigations. There are 4 figures, 1 table, and 8 references: 5 Soviet and 3 non-Soviet. The three references to English-language publications read as follows: G. B. Bachman et al.: Industr. and

Card 2/3